

# EAST Search History

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("5965596" "6172098" "6426361" "6680294").pn.	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:03
L2	13612	("beta alanine" "b-alanine" "3-aminopropionic acid" "beta-ala" "b-ala")	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:04
L3	74842	insulin insulins	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:04
L4	2988	L2 and L3	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:04
L5	35	L2 same L3	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:35
L6	1314	L2.ti,ab,clm.	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:05
L7	12386	L3.ti,ab,clm.	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:05
L8	55	L6 and L7	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:05
L9	1	"5561110".pn.	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:35
L10	1314	L2.ti,ab,clm.	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:36
L11	0	"L2.ti,ab"	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:36
L12	221	L2.ti,ab.	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:43
L13	12	L12 and insulin	US-PGPU B; USPAT; USOCR	OR	ON	2007/09/14 13:43

# STN Search Notes

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=> d his

(FILE 'HOME' ENTERED AT 13:15:44 ON 14 SEP 2007)

FILE 'REGISTRY' ENTERED AT 13:15:56 ON 14 SEP 2007

L1 0 S BETA ALANINE/CN  
L2 0 S "BETA-ALANINE"/CN  
L3 0 S ALANINE-BETA/CN  
L4 1 S 107-95-9/RN  
L5 1 S B-ALANINE/CN  
L6 1 S INSULIN/CN

FILE 'MEDLINE, HCAPLUS, BIOSIS, EMBASE' ENTERED AT 13:17:26 ON 14 SEP 2007

L7 26053 S L4 OR L5 OR "BETA ALANINE" OR "BETA-ALANINE" OR "BETA-ALA" OR  
L8 957925 S L6 OR INSULIN  
L9 253 S L7 AND L8  
L10 212 DUP REM L9 (41 DUPLICATES REMOVED)  
L11 1432357 S GLUCOSE OR DEXTROSE OR FRUCTOSE OR LEVULOSE  
L12 75 S L10 AND L11  
L13 24 S L12 AND PY<1997  
L14 135175 S CREATINE  
L15 0 S L13 AND L14  
L16 12 S L10 AND L14  
L17 12 DUP REM L16 (0 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 13:30:40 ON 14 SEP 2007

L18 11561 S L7  
L19 63803 S INSULIN  
L20 189336 S L11  
L21 7717 S CREATINE  
L22 2135 S L18 AND L19  
L23 1641 S L22 AND L20  
L24 1977 S L18/TI,AB,CLM  
L25 10910 S L19/TI,AB,CLM  
L26 1006 S CREATINE/TI,AB,CLM  
L27 40500 S (GLUCOSE OR FRUCTOSE OR SUGAR OR SUGARS OR LEVULOSE OR DEXTRO  
L28 80 S L24 AND L25  
L29 6 S L28 AND L26  
L30 27 S L28 AND L27  
L31 26 S L30 NOT L29

## National Library of Medicine - Medical Subject Headings

2007 MeSH

## MeSH Descriptor Data

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Standard View. [Go to Concept View](#); [Go to Expanded Concept View](#)

<b>MeSH Heading</b>	beta-Alanine
<b>Tree Number</b>	D12.125.042.070
<b>Scope Note</b>	An amino acid formed in vivo by the degradation of dihydrouracil and carnosine. Since neuronal uptake and neuronal receptor sensitivity to beta-alanine have been demonstrated, the compound may be a false transmitter replacing GAMMA-AMINOBUTYRIC ACID. A rare genetic disorder, hyper-beta-alaninemia, has been reported.
<b>Entry Term</b>	3-Aminopropionic Acid
<b>Entry Term</b>	beta-Alanine Hydrochloride
<b>Entry Term</b>	beta-Alanine, Calcium Salt (2:1)
<b>Entry Term</b>	beta-Alanine, Monopotassium Salt
<b>Entry Term</b>	beta-Alanine, Monosodium Salt
<b>Allowable Qualifiers</b>	AA AD AE AG AI AN BI BL CF CH CL CS CT DE DF DU EC GE HI IM IP ME PD PH PK PO RE SD SE ST TO TU UR
<b>CAS Type 1 Name</b>	beta-Alanine
<b>Registry Number</b>	107-95-9
<b>Related Number</b>	16690-93-0 (mono-Na salt)
<b>Related Number</b>	36321-40-1 (Ca (2:1) salt)
<b>Related Number</b>	39748-53-3 (mono-K salt)
<b>Related Number</b>	6057-90-5 (HCl)
<b>Previous Indexing</b>	<a href="#">Alanine</a> (1966-1978)
<b>Previous Indexing</b>	<a href="#">Amino Acids</a> (1966-1978)
<b>Online Note</b>	use BETA-ALANINE to search 3-AMINOPROPIONIC ACID 1979-90
<b>History Note</b>	92; was 3-AMINOPROPIONIC ACID 1979-91 (see under ALANINE 1979-90); BETA-ALANINE was see 3-AMINOPROPIONIC ACID 1979-91

Date of Entry	19780516
Unique ID	D015091

### MeSH Tree Structures

[Amino Acids, Peptides, and Proteins \[D12\]](#)

[Amino Acids \[D12.125\]](#)

[Alanine \[D12.125.042\]](#)

▶ [beta-Alanine \[D12.125.042.070\]](#)

[Pantothenic Acid \[D12.125.042.070.500\]](#)

[Lysinoalanine \[D12.125.042.475\]](#)

[Mimosine \[D12.125.042.500\]](#)

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